



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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10/25/02  
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Applicants: Shih-Yuan Wang; Yong Chen  
Assignee: Lumileds Lighting U.S. LLC  
Title: Growing A Low Defect Gallium Nitride Based Semiconductor  
Serial No.: 10/047,504 ✓ Filing Date: October 26, 2001  
Examiner: Unknown Group Art Unit: Unknown  
Docket No.: M-10937-1C US

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**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:



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Please address all correspondence and telephone calls regarding this application to:

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**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee as shown below:

1. The parent application, Application Serial No. 09/263,654 is assigned as follows: From: Shih-Yuan Wang; Yong Chen. To: Hewlett Packard Company. The document was recorded in the Patent and Trademark Office at Reel 010308 Frame 0371.
2. The parent application is assigned as follows: From: Hewlett Packard Company. To: Agilent Technologies Inc. The document was recorded in the Patent and Trademark Office at Reel 010977 Frame 0540.
3. The parent application is assigned as follows: From Agilent Technologies Inc. To Lumileds Lighting U.S. LLC. The document was recorded in the Patent and Trademark Office at Reel 012683 Frame 0294.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: September 23, 2002

Lumileds Lighting, U.S., LLC

By: Lou Dadok

Name: Lou Dadok

Title: Intellectual Property Manager